

Amendments to the Claims

Please cancel claims 7-30, 33-37, 42, 43, and 45-47 without prejudice or disclaimer. Claims 1-4 and 44 have been previously cancelled without prejudice or disclaimer. The listing of claims below will replace all prior versions and previous listings of claims in this application:

1.-4. (cancelled)

5. (previously presented) A monoclonal antibody or fragment thereof capable of binding specifically to the extracellular I-domain of the integrin alpha10 chain, wherein the antibody is produced by the hybridoma cell line deposited at the Deutsche Sammlung von Microorganismen und Zellkulturen GmbH under the accession number DSM ACC2583.

6. (previously presented) A hybridoma cell line deposited at the Deutsche Sammlung von Microorganismen und Zellkulturen GmbH under the accession number DSM ACC2583.

7.-30. (cancelled)

31. (previously presented) A composition comprising a monoclonal antibody or fragment thereof according to claim 5.

32. (previously presented) A composition according to claim 31 wherein the monoclonal antibody or a fragment thereof further comprises a detectable label.

33.-37. (cancelled)

38. (previously presented) A kit comprising a monoclonal antibody or fragment thereof according to claim 5.

39. (previously presented) A kit according to claim 38, wherein the monoclonal antibody or fragment thereof is bound to a solid phase.

40. (previously presented) A kit according to claim 38, wherein the monoclonal antibody or fragment thereof comprises a detectable label.

41. (previously presented) A kit comprising a hybridoma cell line according to claim 6, and a cell culture medium for said hybridoma cell line.

42.-47 (cancelled)

48. (previously presented) A monoclonal antibody or fragment thereof according to claim 5, wherein the antibody or fragment is humanized.

49. (previously presented) A monoclonal antibody or fragment thereof according to claim 5, wherein the fragment is selected from the group consisting of Fv, Fab, Fab', F(ab')₂ and single chain antibodies.